

**DEPARTMENT OF DEFENSE (DoD)
BROAD AGENCY ANNOUNCEMENT
W911NF-06-R-0012**

**DEFENSE 2007 EXPERIMENTAL PROGRAM TO
STIMULATE COMPETITIVE RESEARCH
(DEPSCoR)**

FISCAL YEAR 2007



**Army Research Office (ARO)
Office of Naval Research (ONR)
Air Force Office of Scientific Research (AFOSR)**

**In cooperation with the Office of the Deputy Under Secretary of Defense for
Laboratories and Basic Sciences**

**Issued: 8 August 2006
Proposal Due: 31 October 2006**

I. General Information

The Department of Defense (DoD) announces the fiscal year 2007 Department of Defense Experimental Program to Stimulate Competitive Research (DEPSCoR). The program is executed under the policy guidance of the Office of the Deputy Under Secretary of Defense for Laboratories and Basic Sciences [ODUSD (LABS)] and administered through the Army Research Office (ARO), Office of Naval Research (ONR), and Air Force Office of Scientific Research (AFOSR) with the cooperation of the Experimental Program to Stimulate Competitive Research (EPSCoR) State Committees. The DoD plans to award fiscal year 2007 DEPSCoR appropriations through this announcement. ARO, ONR, and AFOSR (henceforth referred to as "agencies") will award research grants based on this announcement. It is anticipated that each agency will receive an equal portion of the FY07 funds available to support proposals accepted under this BAA.

The program statute for DEPSCoR (section 257 of Public Law 103-337, as amended) states that DEPSCoR's objectives are to: (1) enhance the capabilities of institutions of higher education ("universities") in eligible States to develop, plan, and execute science and engineering research that is competitive under the peer-review systems used for awarding Federal research assistance; and (2) increase the probability of long-term growth in the competitively awarded financial assistance that universities in eligible States receive from the Federal Government for science and engineering research. Consistent with these long-term objectives of building research infrastructure, the DoD intends to competitively make, and fund from fiscal year 2007 appropriations, multiyear awards for research and for associated graduate education of scientists and engineers in areas important to national defense.

- A. Program Title** – *Fiscal Year 2007 Defense Experimental Program to Stimulate Competitive Research (DEPSCoR)*
- B. Program Number** – ARO Broad Agency Announcement, W911NF-06-R-0012
- C. Award Type** – Awards will be made by project grants.
- D. Catalog of Federal Domestic Assistance (CFDA Number(s))** – Basic Scientific Research, 12.431.

II. Eligibility Information

Only universities in EPSCoR States and Territories with degree granting programs in science, mathematics, and/or engineering are eligible to submit proposals for DEPSCoR research grants via their EPSCoR State Committee proposal package. Each State Committee will decide which DEPSCoR proposals submitted to it will be

forwarded to DoD (see limits described below). Proposals not submitted through an EPSCoR State Committee will be rejected. Universities in 23 States and Territories (listed below and henceforth referred to as the States/Territories) are eligible to receive awards under this announcement.

STATES / TERRITORIES CURRENTLY ELIGIBLE FOR DEPSCoR AWARDS

Alaska	Arkansas	Delaware	Idaho	Kansas
Kentucky	Louisiana	Maine	Montana	Nebraska
Nevada	New Hampshire	North Dakota	Oklahoma	Puerto Rico
Rhode Island	South Dakota	South Carolina	Tennessee	US Virgin Islands
Vermont	West Virginia	Wyoming		

Only the 23 EPSCoR State Committees listed at Appendix A are currently eligible under the DEPSCoR program authority and may submit proposal packages in response to this announcement. Awards made as a result of this announcement will be limited to universities in States/Territories that are eligible under the DEPSCoR program authority at the time awards are announced.

Should additional States/Territories become eligible in the period between publishing of this BAA and the announcement of selections for award, submission of their proposals must conform to the guidance in this BAA including timely receipt. Should proposals be received from States/Territories in anticipation of being eligible and those States/Territories are determined not to be eligible by the time of the announcement of selections, their proposals will be considered non-responsive and excluded from consideration. The decision to submit a proposal while eligibility is being determined is discretionary on the part of the offerors. The government accepts no liability for proposal preparation costs or for any other expenses incurred should States/Territories not be determined eligible by the time of the announcement of selections.

Eligible NSF EPSCoR State Committees may submit **a proposal package containing up to five (5) separately fundable proposals** requesting support from DoD for a 36-month period. Within the state proposal package, **all proposals must request a minimum of \$350,000. To maximize the DEPSCoR program objectives, all DEPSCoR awards require a minimum, non-federal cost sharing or matching of one-to-two (i.e., at least one dollar from State, institutional, and/or private sector sources to match each two dollars of DEPSCoR support being provided).** Matching funds may support items such as salaries, indirect costs, operating expenses, or new equipment.

III. Program Description/Information

DEPSCoR funds may be used to enhance existing or develop new research capabilities in support of DoD research goals. Proposals may contain requests for equipment necessary for the completion of the proposed research. General-purpose computing facilities and purely instructional equipment are not appropriate for DEPSCoR funding, but requests for funding for specialized computers required for specific DEPSCoR research programs are appropriate. DoD recognizes that the infrastructure aspect of DEPSCoR may lead to the purchase of equipment that has utility beyond the specific research effort proposed. Funds under DEPSCoR may not be used for construction or modification of buildings or facilities; therefore, proposals for the construction or refurbishment of buildings will not be considered under this BAA.

DEPSCoR may fund single investigator or multiple investigator research proposals and, to a lesser extent, center of excellence research proposals. Multiple institution or multiple investigator research projects that are not fully integrated to address one focused technical issue are not normally funded and are discouraged. Given the intent of the DEPSCoR program to build infrastructure, DEPSCoR can provide more funding for critical research-infrastructure elements than traditional, single-investigator awards. Therefore, to support the proposed research, a DEPSCoR proposal appropriately may request more funding for infrastructure elements than a single-investigator proposal. For example, funding for training graduate students, for acquiring or refurbishing instrumentation, and for postdoctoral fellows or faculty needed to conduct the proposed research are appropriate infrastructure expenditures. The awards are to be forward funded, generally for activities not to exceed a three-year period. In this way, DEPSCoR contributes to the States/Territories' goals of developing new research capabilities and infrastructure while simultaneously supporting DoD research goals.

Administrative costs incurred by the EPSCoR State Committees, associated with either the preparation of proposals or related to the administration of grants resulting from this solicitation are the responsibility of the EPSCoR State Committees and are nonreimbursable by DoD. State Committees are encouraged to include proposal sections from Historically Black Colleges and Universities (as determined by the Secretary of Education to meet requirements of 34 CFR Section 608.2) and from Minority Institutions (HBCU/MIs) (as defined by 10 U.S.C. § 2323 (a)(1)(C)) in their proposal packages. However, no funds are specifically allocated for HBCU/MI participation.

The Army, Navy, and Air Force publish their specific research areas of interest in separate Broad Agency Announcements (BAAs). DEPSCoR research projects may address any of the technical areas listed in the respective Army, Navy, and Air Force BAAs.

BAAs and program descriptions are available on-line at the following addresses:

U.S. Army Research Office:

<http://www.aro.army.mil> (select "For The Researcher" followed by "Funding Opportunities")

Office of Naval Research:

<http://www.onr.navy.mil> (select "ONR Science and Technology Departments")

Air Force Office of Scientific Research:

<http://www.afosr.af.mil> (select "Broad Agency Announcement BAA-2006 Amd 1" on Homepage)

Proposals to perform research in listed technical areas, or other areas important to national defense, will be considered. For detailed information regarding technical goals, individuals preparing proposals are advised to consult these announcements and to contact DoD program managers listed therein to explore possible mutual interest before submitting proposals.

Sufficient funds are not available to meet all research and infrastructure needs of the universities in all DEPSCoR States/Territories. It is the responsibility of the EPSCoR State Committee to encourage, identify, and submit proposals which are most likely to: (1) enhance the capabilities of universities to become more competitive under the peer-review systems used for awarding Federal research assistance; and (2) increase the probability of long-term growth in DoD research support for focused areas of interest within each State. Awards will be restricted to universities doing or demonstrably capable of doing research of interest to DoD. Each separately fundable proposal of the States/Territories' proposal package may be used for support of equipment and either a single investigator, multiple investigators, or to a lesser extent, center of excellence research proposal in a focused research area.

Although the DEPSCoR is a multi-agency program with multiple contacts for technical discussion, one DoD agency (ARO, AFOSR, or ONR) must be listed as the "lead reviewer" of each separately fundable proposal of the State's proposal package. If a

lead reviewer (i.e. agency) is not listed, one will be assigned. If possible, each proposal should also list the specific Division/Directorate in the agency's organization requested to review each proposal (listed in the agency's BAA). The listed lead reviewer will have primary responsibility for reviewing that separately fundable proposal of the proposal package. Other agencies may choose to do a full review of a proposal for which they are not the lead reviewer in order to determine their possible interest in funding or co-funding that proposal.

IV. Submission Information

A. Proposal Submission

EPSCoR State Committees shall submit the State proposal package containing up to five (5) separately fundable proposals. EPSCoR State Committees shall identify if the five (5) are submitted electronically or hard copy. Proposal should not be submitted by both methods. Proposals not identified by EPSCoR State Committees as one of the five (5) submitted for consideration shall be ineligible.

Proposals approved by the state committee may be submitted electronically through Grants.gov, or proposals may be submitted in hard copy.

Electronic proposal submission through Grants.gov requires advanced preparation (please see Appendix E for preparation instructions).

Proposals approved by the state committee may be submitted in hard copy. For hard copy proposal submission, each separately fundable proposal of the proposal package must bear, as a cover page, Appendix C and must have a separate budget. Plastic covers (clear or otherwise) or binders shall not be used. The individual proposals must be signed by appropriate university officials and marked original. The original and six (6) copies of the signed original must be sent to ARO at one of the following addresses:

Use this address for commercial carriers:

U.S. Army Research Office
ATTN: AMSRL-RO-RI (05-R-0012)
4300 South Miami Boulevard
Durham, NC 27703-9142
Phone # (919) 549-4262, Mr. Jim Holton

Use this address for U.S. Mail:

U.S. Army Research Office
ATTN: AMSRL-RO-RI (05-R-0012)
P.O. Box 12211
Research Triangle Park, NC
27709-2211

Note that proposals delivered by commercial carriers are considered "hand carried" and no exceptions can be made which allow such proposals to be considered if, **for any reason, they are received after the deadline**. Offerors are advised that some proposals responding to past announcements that were sent via commercial carriers were

delayed during shipment and arrived after the deadlines, typically by one or two days. To decrease the possibility that proposals delivered by commercial carriers will arrive after the deadline and thus be ineligible to compete, offerors are encouraged to schedule delivery to occur well before the deadline date.

Each proposal should be typed with 1-inch margins on 8-1/2 x 11 inch white paper and with a font size not smaller than 10 point. Each separately fundable proposal should be bound or stapled separately, with no more than 25 single-sided pages, not counting the cover (Appendix C) and the budget. Separate attachments, such as brochures or reprints, will not be accepted. Proposals submitted in whole or in part by electronic media (computer disk or tape, facsimile machine, electronic mail, etc.) will not be accepted.

Each State proposal package should also contain two copies of an executive summary not exceeding ten (10) pages from the EPSCoR State Committee which relates the proposed research to both DoD needs and State goals for stimulating competitive research capabilities. Executive summaries from each participating EPSCoR State Committee are required for both electronic and hard copy proposal submissions.

Proposals, in the quantity and format described herein, must be received at the Army Research Office (ARO) no later than 4:00 p.m. local time on October 31, 2006.

Proposals received after the designated time and date will be handled in accordance with the procedures in the provision titled "Late Submissions and Withdrawals of Proposals" (See Appendix B). As noted therein, proposals sent by U.S. Postal Service Express Mail by October 27, 2006 will be accepted and considered for an award. **Only NSF EPSCoR State Committees may submit proposals.**

Award recommendations for FY 2007 DEPSCoR funds will be announced on or about **February 28, 2007**. Each Committee will be responsible for notifying all the participating institutions of higher education in its State of the award recommendations. Proposals should cite **June 1, 2007 as the proposed start date.**

B. Proposal Content

Each separately fundable proposal of the proposal package must be complete and self-contained to qualify for review. The DoD is interested primarily in the research and related science and engineering education and the research related infrastructure development that the research facilitates. For this reason, the proposal must adequately

describe the effort so that judgments can be made on relevance to DoD research goals and the infrastructure benefit.

1. **Cover:** Each separately fundable proposal must bear Appendix C as a cover. For each proposal, no other sheet or page should precede this cover. Each proposal of the original proposal package and each copy must include this cover. To facilitate review, the lead reviewer's Division or Directorate having a research area of interest best matching the proposed research should be listed. **The name of an individual at the lead reviewer (ARO, ONR, or AFOSR) can be included here as a suggested reviewer, or the technical area addressed by the proposal can be listed.**

2. **Abstract:** The abstract of the proposed research for each separately fundable proposal should be no more than one page, and the abstract must be contained within the 25-page limit.

3. **Text:** The technical portion of each separately fundable proposal shall contain (within the 25 page limit) the following:

(a) Describe in detail the research to be undertaken. State the objectives and approach and the relationship to the state of knowledge in the field and to comparable work elsewhere. Include an appropriate bibliography and list of literature citations. Discuss the nature of the expected results.

(b) Describe how this effort relates to and advances the research infrastructure development goals of the university or the State.

(c) Describe plans for the education of graduate students in the specified research areas of interest. Estimate the number of graduate students and of other technical personnel who will be directly associated with the project.

(d) Describe plans for the involvement and interaction with DoD, other federal laboratories, industry or other existing research centers of excellence.

(e) Describe facilities available for performing the proposed research and any additional facilities or equipment that the organization proposes to acquire at its own expense.

(f) Provide a rationale for each item of equipment requested in the budget and how this equipment will contribute to the infrastructure building goals of the proposal.

(g) Identify other parties who will receive the proposal or who will partially fund the proposed effort or activity.

4. Curriculum Vitae: Furnish a brief vita for key personnel critical to the research, including senior investigators. Provide short biographical sketches and list relevant publications. This information must be contained within the 25-page limit.

5. Current and Pending Support: Furnish a list of current and pending support for the principal investigator and other senior personnel. The list should include the project title and brief description, name of the organization or agency funding the work or requested to perform the work, award amount or dollar value, period of performance, and breakdown of the time required of the principal investigator and other senior personnel.

C. Financial Content of the Proposal (Budget)

The financial portion of each separately fundable proposal should contain a cost estimate for the proposed effort that is sufficiently detailed by element of cost for meaningful evaluation. The budget must include the period-of-performance (with a proposed **June 1, 2007** start date), a total estimated cost of the project, and the amount and source of project funding (i.e., funds requested from DoD, any funds provided under current grants or contracts with DoD or other federal agencies, and non-federal funds to be provided as cost sharing or matching). The estimated project costs must be shown in total as well as broken down for each year of the program to show the following cost elements:

1. Salary Costs: For all employees, indicate the amount of time being charged to this proposed project (e.g., number of months) and show resulting costs based on current or projected salary and benefits.

2. Supplies and Materials: Estimate costs of supplies and materials.

3. Equipment: Describe any equipment to be acquired and the basis of cost estimates. Costs should be based on recent quotations from manufacturers or distributors.

4. Travel Costs: Estimate the required amount of travel and state its relationship to the research. List the proposed destinations and basis of cost estimates.

5. Publication and Report Costs: Estimate the costs of publishing and reporting research results.

6. Subaward Costs: Support the estimate of subaward work by indicating the specific items or portion of the work to be subawarded, type of subaward anticipated, name of subawardee, and a detailed cost summary.

7. Consultant Costs: State the planned daily consultant fee and travel expenses, the nature of the consulting effort, and the reason consultants are required to complete the effort.

8. Communication Costs: Estimate communication costs (i.e., long distance telephone calls, telegrams, and postage) not included in overhead.

9. Other Direct Costs: Itemize other anticipated direct costs such as rental for computers or other equipment, facility usage fees, and tuition remission. Unusual or expensive items should be fully justified.

10. Overhead Rates: State whether or not a recent predetermined or provisional overhead rate has been negotiated by a federal agency and, if so, when and by which federal agency. Always state the basis on which the overhead rate is calculated (i.e., "salaries and wages" or "total costs") and the period of the grantee's fiscal year. Include a copy of any current indirect rate agreement or provide a URL if this document is available from the internet.

11. Total Costs: Give the total costs, year by year, and the cost for the entire proposed grant period.

12. Cost Sharing or Matching Plans: Construct a table showing the cost sharing or matching share committed to this DEPSCoR proposal in the following categories: State, institutional, and private sector. In each category, show the amount and nature of the planned expenditure share (e.g., State appropriation, equipment, faculty release time for research, etc.). A signed statement of commitment regarding the cost sharing or matching funds described above should be obtained from the appropriate State, institutional, and/or private sector officials.

D. Certifications

All awards require certifications of compliance with national policy requirements. Statutes and government wide regulations require some certifications to be submitted at the time of proposal submission rather than at the time of award. By signing and submitting a proposal with the required cover page, Appendix C, individuals are providing the certification at 32 CFR Part 25 regarding debarment, suspension, and other responsibility matters; the certification at 32 CFR Part 25 regarding drug-free workplace requirements; and the certification at 32 CFR Part 28 regarding lobbying. Full text of these certifications may be found in Appendix D.

E. Proposal Evaluation and Selection

Cognizant DoD technical program managers will review separately fundable proposals of the States/Territories' proposal packages that are in their technical areas. Based on evaluations by DoD program managers using the seven criteria below, separately fundable proposals will be selected for funding by the participating agencies. The agencies will reconcile any overlap and coordinate complementary efforts to ensure the broadest impact with the funds available.

The primary evaluation criteria (of equal importance to each other) will be:

1. The scientific and technical merits of the proposed research.
2. The potential contributions of the proposed research to the defense missions of the participating agencies.
3. The likelihood of the proposed effort to advance the research infrastructure goals of the university or State by developing new or enhancing existing research capabilities and to broaden the university research base in support of national defense.
4. The potential to contribute to the education of future scientists and engineers in disciplines critical to the DoD mission.

Other evaluation criteria (of less importance than 1, 2, 3, and 4 but of equal importance to each other) are:

5. The qualifications, capabilities, experience, and past research accomplishments of the proposed Principal Investigator, team leader and other key personnel who are critical to achieving the objectives of the proposal.
6. The proposed involvement and interaction with DoD or other federal laboratories, industry, or other existing research centers of excellence.
7. The realism and reasonableness of cost, cost sharing or matching, and availability of funds.

F. Awards

Each of the participating agencies will award its portion of the available DEPSCoR funds in areas important to its mission. The acquisition offices of the agencies will conduct negotiations directly with the institutions of higher education selected for award and negotiations may result in funding levels less than that proposed in a given separately fundable proposal of a proposal package.

In keeping with the provisions of 31 U.S.C. 6306 and with the intent of this program to increase university infrastructure and capabilities to conduct DoD-relevant research, title to any equipment will be vested with the university.

In accordance with DOD policy, prospective grantees must be registered in the Central Contractor Registration (CCR) database prior to award of a grant. By submission of an offer resulting from this BAA, the offeror acknowledges the requirement that a prospective grantee must be registered in the CCR database prior to the award, during performance, and through final payment of any grant resulting from this BAA.

EPSCoR State Committees of the 23 eligible States/Territories may be invited (subject to the availability of funds) to submit a planning grant application for the purpose of improving the State's ability to compete in future year DEPSCoR solicitations.

APPENDIX A:

**DEFENSE EXPERIMENTAL PROGRAM TO
STIMULATE COMPETITIVE RESEARCH (EPSCoR)
ELIGIBLE
STATE COMMITTEE,
PROGRAM DIRECTORS OR CHAIRS
(As Of 1 June 2006)**

STATE:	DIRECTOR OR CHAIR:
Alaska	George M. Happ Research Professor Institute of Arctic Biology Department of Biology and Wildlife P. O. Box 757000 University of Alaska Fairbanks Fairbanks, AK 99775 (907) 474-5492
Arkansas	John G. Hehr NSF-EPSCoR Project Director Old Main 525 University of Arkansas Fayetteville, AR 72701 (479) 575-3684

STATE:	DIRECTOR OR CHAIR::
Delaware	Stephen G. Borleske Associate Director Delaware Biotechnology Institute University of Delaware 15 Innovation Way, Room 281 Newark, De 19711 (302) 831-3430
Idaho	Jean'ne Shreeve EPSCoR/IDeA Project Director University of Idaho P.O. Box 442343 Moscow, ID 83844-2343 (208) 885-6215
Kansas	Kristin Bowman-James Project Director Kansas NSF EPSCoR 222 Strong Hall 1450 Jayhawk Boulevard University of Kansas Lawrence, KS 66045-7535 (785) 864-3096
Kentucky	John W.D. Connolly Project Director 325 McVey Hall University of Kentucky Lexington, Kentucky 40506-0045 Ph: (859) 257-8316
Louisiana	Michael Khonsari NSF Project Director Louisiana EPSCoR Louisiana Board of Regents P.O. Box 3677 Baton Rouge, LA 70821 Phone: (225) 342-4253 Fax: (225) 342-3371

STATE:	DIRECTOR OR CHAIR::
Maine	Michael J. Eckardt Vice President for Research University of Maine 5703 Alumni Hall, Room 209 Orono, ME 04469-5703 (207) 581-1506
Montana	Mark Young Project Dir. of EPSCoR Program/Assoc. Prof. MSU - Bozeman 307 Ag BioScience Building, MSU Bozeman, MT 59717 (406) 994-5158
Nebraska	Robert Allington CEO and Chairman ISCO, Inc. P. O. Box 5347 Lincoln, NE 68505 (402) 464-0231
Nevada	Richard Curry University and Community College System of Nevada Vice Chancellor for Academic, Research, and Student Affairs 2601 Enterprise Road Reno, NV 89512 (775) 784-4901, X274

STATE:	DIRECTOR OR CHAIR::
New Hampshire	John Aber Office of the Vice President for Research and Public Service Thompson Hall, Room 107 105 Main Street Durham, New Hampshire 03824-3547 Telephone: (603) 862-1997
North Dakota	David R. Givers ND EPSCoR Interim Co-Project Director 1735 NDSU Research Park Drive, Rm 142 Fargo, ND 58102-5760 (701) 231-7516
Oklahoma	Paul Risser, Chair Oklahoma State EPSCoR Advisory Committee Chancellor, Oklahoma State Regents for Higher Education (405) 225-9122
Puerto Rico	Manuel Gomez University of Puerto Rico, Rio Piedras Resource Center for Science and Engineering Box 23334 Rio Piedras, PR 00931-3334 (787) 765-5170

STATE:	DIRECTOR OR CHAIR::
Rhode Island	Paul J. Choquette, Jr. President and CEO Gilbane, Inc. 7 Jackson Walkway Providence, RI 02903 (401) 456-5800
South Carolina	John Raymond South Carolina EPSCoR Interim Vice President for Academic Affairs and Provost 171 Ashley Avenue Administration Building, Rm. 200H Charleston, SC 29425 (843) 792-3031
South Dakota	James Rice Project Director South Dakota State University Box 2202, SH 115 Brookings, SD 57007-0896 (605) 688-4252
Tennessee	Dan Marcum President, Marcum Capital 410 Wilson Avenue Tullahoma, TN 37388 Tel: (931) 455-0155
U.S. Virgin Islands	Henry H. Smith Project Director University of the Virgin Islands 2 John Brewer's Bay St. Thomas, Virgin Islands 00802-9990 Tel: (340) 693-1057

STATE:	DIRECTOR OR CHAIR::
Vermont	Judith Van Houten 120 A Marsh Life Science Building University of Vermont Burlington, VT 05405 (802) 656-2922
West Virginia	Paul L. Hill State Director WV EPSCoR 1018 Kanawha Blvd E Suite 1101 Charleston WV 25301-2825 (304) 558 - 4128 x287
Wyoming	William A. Gern Wyoming EPSCoR Coordinating Committee Vice President for Research University of Wyoming Laramie, WY 82071 (307) 766-5353

APPENDIX B:

LATE SUBMISSIONS AND WITHDRAWALS OF PROPOSALS

- (1) Offeror is responsible for submitting proposal so as to reach the Government office at the stated address by the date and time specified in the broad agency announcement. Any proposal arriving at the designated Government office after the deadline is "late" and will not be considered for an award, except for the following:
 - (a) There is acceptable evidence that a properly addressed proposal was delivered to the designated Government agency by the deadline;
 - or
 - (b) The proposal was sent by U.S. Postal Service Express Mail by October 27, 2006.
- (2) In case the operation of the designated Government office is interrupted and the office is unable to receive the proposal, the deadline is extended to the same time of the first day when the office is in operation.
- (3) Proposals may be withdrawn by written notice received at any time before award. Withdrawals are effective upon receipt of notice by the Grant Officer.

APPENDIX C:
PROPOSAL COVER

(This Form Must be Completed and Submitted
With Each Separately Fundable Proposal of a State's Proposal Package.)

Submitted to the Defense Experimental Program to Stimulate
Competitive Research (DEPSCoR), Fiscal Year 2007,

1. THE PRINCIPAL INVESTIGATOR (only one name):

(Title) (First Name)	(MI)	(Last Name)	(Area Code & Phone No.)
(Department/Division)			Fax No.
(University)			E-mail Address
(Street Address/P.O. Box)			
(City)		(State)	(Zip Code)

CURRENT DoD CONTRACTOR OR GRANTEE? YES NO

If yes, give Agency, Technical Point of Contact, and Phone Number.

2. THE PROPOSAL:

(Title of Proposal - Please be brief and descriptive, use key words suitable for indexing and retrieval, and avoid acronyms and mathematical or scientific notation.)

Total Funds Requested From DoD	Period-of-Performance (06/01/07 - mm/dd/yy)	Your Institution's Proposal Number
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Lead Reviewer: <u>Agency</u> (check one)	Division/Directorate	Technical Area/Program Officer
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ARO _____	_____	_____
ONR _____	_____	_____
AFOSR _____	_____	_____

OTHER AGENCIES RECEIVING THIS REQUEST (e.g., NSF, DoE, NASA, or NIH).
Please identify Agency (ies) and give Name(s) and Phone Number(s) of Point(s) of
Contact:

3. CERTIFICATIONS: By signing and submitting this proposal, the proposer is providing the certifications set forth at Appendix A to 32 CFR Part 25 regarding debarment, suspension, and other responsibility matters; Appendix C to 32 CFR Part 25 regarding drug free workplace requirements; and Appendix A to 32 CFR Part 28 regarding lobbying. The full text of these certifications may be found in Appendix D.

4. MINORITY INSTITUTIONS: _____ Check here if the academic institution named above is qualified to be identified by the Department of Education as a minority institution (i.e., a historically Black college or university, Hispanic-serving institution, Tribal college or university, or other institution meeting statutorily-defined criteria for serving ethnic groups that are underrepresented in science and engineering). The Department of Education maintains a list of U.S. accredited postsecondary institutions that currently meet the statutory criteria for identification as minority institutions at the following web site: <http://www.ed.gov/offices/OCR/minorityinst.html>

5. APPROVALS BY OTHER UNIVERSITY OFFICIALS: Use this space for names, titles, and signatures of other officials approving the submission of this proposal (i.e., the Principal Investigator and Department Head, Dean or other officials).

(Principal Investigator)	(Date)
(Grant/Contracting/ Administrative Official)	(Date)
(Other Official)	(Date)

6. THE INSTITUTION: SIGNATURE AND TYPED NAME AND ADDRESS OF UNIVERSITY OFFICIAL AUTHORIZED TO OBLIGATE CONTRACTUALLY:

(Signature - Please Use Blue Ink)	(Date)			
(Title)	(First Name)	(MI)	(Last Name)	(Area Code & Phone No.)
Legal Name of Grantee (University)			Fax No.	
Street Address (P.O. Box Numbers Cannot Be Accepted)			E-mail Address	
(City)		(State)		(Zip Code)
Taxpayer Identification No. (TIN) _____			DUNS No. _____	
Cage Code No. _____				

APPENDIX D:
CERTIFICATIONS-EDUCATIONAL / NONPROFIT INSTITUTIONS

A. CERTIFICATION REGARDING LOBBYING

This certification is required for an award of a Federal contract, grant, or cooperative agreement exceeding \$100,000 and for an award of a Federal loan or a commitment providing for the United States to insure or guarantee a loan exceeding \$150,000.

The undersigned certifies, to the best of his or her knowledge and belief, that:

(1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

(2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

(3) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

B. CERTIFICATION REGARDING DEBARMENT, SUSPENSION, AND OTHER RESPONSIBILITY MATTERS--PRIMARY COVERED TRANSACTIONS

(1) The prospective primary participant certifies, to the best of its knowledge and belief, that it and its principals:

(a) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded by any Federal department or agency;

(b) Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;

(c) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph (1)(b) of this certification; and

(d) Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State or local) terminated for cause or default.

(2) Where the prospective primary participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

C. CERTIFICATION REGARDING DRUG-FREE WORKPLACE REQUIREMENTS

A. The grantee certifies that it will or will continue to provide a drug-free workplace by:

(a) Publishing a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the grantee's workplace and specifying the actions that will be taken against employees for violation of such prohibition;

(b) Establishing an on-going drug-free awareness program to inform employees about-

- (1) The dangers of drug abuse in the workplace;
- (2) The grantee's policy to maintain a drug-free workplace;
- (3) Any available drug counseling, rehabilitation, and employee assistance programs; and

(4) The penalties that may be imposed upon employees for drug abuse violations occurring in the workplace;

(c) Making it a requirement that each employee to be engaged in the performance of the grant be given a copy of the statement required by paragraph (a);

(d) Notifying the employee in the statement required by paragraph (a) that, as a condition of employment under the grant, the employee will--

(1) Abide by the terms of the statement; and

(2) Notify the employer in writing of his or her conviction for a violation of a criminal drug statute occurring in the workplace no later than five calendar days after such conviction;

(e) Notifying the agency in writing, within ten calendar days after receiving notice under paragraph (d)(2) from an employee or otherwise receiving actual notice of such conviction. Employers of convicted employees must provide notice, including position title, to every grants officer or other designee on whose grant activity the convicted employee was working, unless the Federal agency has designated a central point for the receipt of such notices. Notice shall include the identification number(s) of each affected grant;

(f) Taking one of the following actions, within 30 calendar days of receiving notice under paragraph (d)(2), with respect to any employee who is so convicted--

(1) Taking appropriate personnel action against such an employee, up to and including termination, consistent with the requirements of the Rehabilitation Act of 1973, as amended; or

(2) Requiring such employee to participate satisfactorily in a drug abuse assistance or rehabilitation program approved for such purposes by a Federal, State, or local health, law enforcement, or other appropriate agency;

(g) Making a good faith effort to continue to maintain a drug-free workplace through implementation of paragraphs (a), (b), (c), (d), (e) and (f).

B. The grantee may insert in the space provided below the site(s) for the performance of work done in connection with the specific grant: Place of Performance (street address, city, county, state, zip code). Unless identified otherwise, location is as shown in Section 1 of Appendix C (cover page)

APPENDIX E:

ELECTRONIC PROPOSAL SUBMISSION THROUGH GRANTS.GOV

Prospective applicants will need to complete the following actions in order to participate in the Grants.Gov application process. It cannot be emphasized how important it is to START EARLY since it may take up to 14 days to get through all of the steps.

1. Registration: Each organization that desires to submit a proposal via Grants.Gov must complete the one-time registration (all steps) at <http://www.grants.gov/GetStarted>. To prepare for this process, you will need to do the following steps:

a. Request a DUNS Number – Follow the instructions at:

<http://www.grants.gov/RequestaDUNS> to obtain a DUNS number. It is highly recommended that you request the number by telephone at 1-866-705-5711. This will take about 10 minutes to complete and there is no charge. NOTE: Once the telephone registration is completed, you must call 24 hours before attempting to use that DUNS for registration in the Central Contractor Registry (CCR).

b. Register in the Central Contractor Registry (CCR) – Go to

<http://www.grants.gov/CCRRegister> and click on the “Help” button to locate the tutorial. It is recommended that you print the tutorial for reference and follow the instructions in the link above. It is also recommended that you print and complete the 7-page CCR Worksheet at <http://www.ccr.gov/CCRRegTemplate.pdf> prior to registration, as it may take up to 3 days to gather the information needed for the worksheet. You are required to designate an Electronic Business Point of Contact (E-Business POC) and a Marketing Partner Identification Number (MPIN) in CCR. It is important to provide the MPIN to the E-Business POC. For assistance with the CCR, contact the Assistance Center at 1-888-227-2423 or at CCR@dliis.dla.mil. You may also access the CCR Handbook at <http://www.ccr.gov/handbook.asp>. **VERY IMPORTANT: Knowing the MPIN and who is designated as your organization’s E-Business POC in the CCR is a significant step in the process. This person will function as the organizational agent to approve personnel who can submit binding proposals on behalf of your organization.**

c. Install the PureEdge Viewer – Authorized Organizational Representatives (AORs) approved by the E-Business POC are the individuals that will be given the authority to submit proposals on behalf of your organization. All AORs must download and install the PureEdge Viewer on their computer workstation by following the instructions at: <http://www.grants.gov/DownloadViewer>. This small, free program will allow AORs to access, complete, and submit applications electronically and securely. Should you encounter any problems, contact customer support at 1-800-518-4726 or support @grants.gov.

d. Register with the Credential Provider – AORs must register with the Credential Provider. AORs must wait a minimum of 3 business days for the CCR to activate the organization’s account before attempting to register with the Credential Provider at: <http://www.grants.gov/CredentialProvider> and click on the “Help” button to locate the tutorial. Print the tutorial for reference and follow the instructions in the link above. Record the user ID and the password that you enter because you will need this information to register with Grants.gov as an AOR. AORs must wait approximately 20 minutes after completing the Credential Provider registration before going to the next step of registering with Grants.Gov. If you encounter any problems, the Credential Provider may be reached at 1-800-386-6820 or via email at eauthhelp@arc.com or pkihelp@orc.com.

e. Register with Grants.Gov – AORs must register with Grants.Gov, utilizing their User ID and Password obtained from registering with the Credential Provider. Go to <https://apply.grants.gov/GrantsgovRegister#> and click on the “Help” button to locate the tutorial for reference and follow the instructions in the link above. After you have completed the Grants.Gov registration process, you will receive a confirmation that indicates whether your registration was successful. After an AOR successfully registers with Grants.Gov, an email will be generated to your organization’s E-Business POC to notify them that an individual has registered in Grants.Gov to be an AOR capable of submitting applications in Grants.Gov on behalf of your organization. AORs will not be able to submit electronic applications until they receive authorization from the E-Business POC. Normally, the E-Business POC should process these requests within 1 Business Day. If you encounter any problems, please contact customer support at 1-800-518-4726 or support@Grants.Gov.

f. Designation of Privileges to the AOR – The E-Business POC is the sole authority of the organization with the capability of designating or revoking an individual’s ability to submit grant applications on behalf of their organization through Grants.Gov. Once the E-Business POC receives the email notification from the individual wishing to be recognized as an AOR, the E-Business POC should go to: <https://apply.grants.gov/AorMgrGetID> and click on the “Help” button to locate the tutorial, then log into the system using the DUNS number and Marketing Partner Identification Number (MPIN) designated for their organization when CCR registration was performed. Once in the system the E-Business POC should follow the instructions for designating privileges to the AOR. If the E-Business POC cannot locate the CCR MPIN, contact the CCR Assistance Center at 1-888-227-2423 or at CCR@dliis.dla.mil.

2. Submission of Grant Applications to Grants.Gov – Once the E-Business POC has authorized privileges to the AOR, the AOR will receive an email notification that they have been given authorization. The AOR may then proceed to submit applications to Grants.Gov. For application instructions, go to <http://www.grants.gov/Apply>. The training demonstration at <http://www.grants.gov/CompleteApplication> will assist AORs in the application process.

Remember that you must open and complete the Application for Federal Assistance (Research and Related) SF 424 (R&R) first, as this form will automatically populate data fields in other forms (See section 2a for supplemental instructions). If you encounter any problems, contact customer support at 1-800-518-4726 or at support@grants.gov. If you forget your user name or password, follow the instructions provided in the Credential Provider tutorial. Tutorials may be printed by right-clicking on the tutorial and selecting “Print”. The User Guide is found at:

http://www.grants.gov/GrantsGov_UST_Grantee!/SSL!/WebHelp/userguide.doc.

For information purposes, please use the following Supplemental Information to indicate if your organization is a Minority Institution (as defined under Section III.1 of this BAA): In Block 7 of the SF 424 (R&R), please indicate under “Other (Specify).”

Full proposals must be received no later than the deadline indicated under Section IV.3 in this BAA.

In case the site of Grants.Gov is not operational on the due day and is unable to receive the proposal submission, the deadline is extended to the same time of the first day when the site is in operation.